



PCT

## RAW SEQUENCE LISTING

DATE: 07/06/2004

PATENT APPLICATION: US/10/500,050

TIME: 15:29:41

Input Set : A:\61535 Sequence Listing.txt

Output Set: N:\CRF4\07062004\J500050.raw

1 <110> APPLICANT: Takeda Chemical Industries, Ltd.  
 3 <120> TITLE OF INVENTION: Method of Quantifying Nucleic Acid And Kit for Quantifying  
 Nucleic Acid  
 5 <130> FILE REFERENCE: P02-0156  
 C--> 7 <140> CURRENT APPLICATION NUMBER: US/10/500,050  
 C--> 7 <141> CURRENT FILING DATE: 2004-06-25  
 7 <150> PRIOR APPLICATION NUMBER: JP 2001-400280  
 8 <151> PRIOR FILING DATE: 2001-12-28  
 10 <160> NUMBER OF SEQ ID NOS: 10  
 12 <210> SEQ ID NO: 1  
 13 <211> LENGTH: 2162  
 14 <212> TYPE: DNA  
 15 <213> ORGANISM: Human  
 17 <220> FEATURE:  
 18 <221> NAME/KEY: misc\_feature  
 19 <222> LOCATION: 2063.. 2091  
 20 <223> OTHER INFORMATION: n stands for any base  
 22 <400> SEQUENCE: 1

23	ggaattccgg	ctataggcag	aggagaatgt	cagatgctca	gctcgggtccc	ctccgcctga	60
24	cgctcctctc	tgtctcagcc	aggactgggt	tctgtaagaa	acagcaggag	ctgtggcagc	120
25	ggcgaaagga	agcggctgag	gcgcttgga	cccgaaaagt	ctcgggtgctc	ctggctacct	180
26	cgcacagcgg	tgcccgcccg	gccgtcagta	ccatggacag	cagcgtgccc	cccacgaacg	240
27	ccagcaattg	cactgatgcc	ttggcgctact	caagttgctc	cccagcacc	agccccggtt	300
28	cctgggtcaa	cttgtccac	ttagatggca	acctgtccga	cccatgcggt	ccgaaccgca	360
29	ccaacctggg	cgggagagac	agcctgtgcc	ctccgaccgg	cagtccctcc	atgatcacgg	420
30	ccatcacgat	catggccctc	tactccatcg	tggtcggtgt	ggggctcttc	ggaaacttcc	480
31	tggtcatgta	tgtgattgtc	agatacacca	agatgaagac	tgccaccaac	atctacattt	540
32	tcaaccttgc	tctggcagat	gccttagcca	ccagtacctt	gcccttccag	agtgtgaatt	600
33	acctaattggg	aacatggcca	tttggaaacca	tcctttgcaa	gatagtgatc	tccatagatt	660
34	actataacat	gttcaccagc	atattcaccc	tctgcaccat	gagtgttgat	cgatacattg	720
35	cagtctgcca	ccctgtcaag	gccttagatt	tccgtactcc	ccgaaatgcc	aaaattatca	780
36	atgtctgcaa	ctggatcctc	tcttcagcca	ttggctcttc	tgtaatgttc	atggctacaa	840
37	caaaatacag	gcaagggtcc	atagattgta	cactaacatt	ctctcatcca	acctggtact	900
38	gggaaaacct	cgtgaagatc	tgtgttttca	tcttcgcctt	cattatgcca	gtgctcatca	960
39	ttaccgtgtg	ctatggactg	atgatcttgc	gcctcaagag	tgtccgcatg	ctctctggct	1020
40	ccaaagaaaa	ggacaggaat	cttcgaagga	tcaccaggat	ggtgctgggtg	gtggtggctg	1080
41	tggtcatcgt	ctgctggact	cccattcaca	tttacgtcat	cattaaagcc	ttggttacaa	1140
42	tcccagaaac	tacgttccag	actgtttctt	ggcacttctg	cattgctcta	ggttacacaa	1200
43	acagctgcct	caaccagtc	ctttatgcat	ttctggatga	aaacttcaaa	cgatgcttca	1260
44	gagagtcttg	tatcccaacc	tcttccaaca	ttgagcaaca	aaactccact	cgaattcgtc	1320
45	agaacactag	agaccacccc	tccacggcca	atacagtggg	tagaactaat	catcagctag	1380
46	aaaatctgga	agcagaaact	gtcccggtgc	cctaacaggg	tctcatgcca	ttccgacctt	1440
47	caaccaagctt	agaagccacc	atgtatgtgg	aagcaggttg	cttcaagaat	gtgtaggagg	1500
48	ctctaattct	ctaggaaaagt	gcctactttt	aggatcatcca	acctctttcc	tctctggcca	1560

ENTERED

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```

49 ctctgctctg cacattagag ggacagccaa aagtaagtgg agcatttgga aggaaaggaa 1620
50 tataccacac cgaggagtcc agtttgtgca agacaccag tggaaccaa acccatcgtg 1680
51 gtatgtgaat tgaagtcac ataaaagggtg acccttctgt ctgtaagatt ttattttcaa 1740
52 gcaaataattt atgacctcaa caaagaagaa ccatcttttg ttaagttcac cgtagtaaca 1800
53 cataaagtaa atgctacctc tgatcaaagc accttgaatg gaaggccga gtcttttttag 1860
54 tgtttttgca agggaatgaa tccattattc tatttttagac ttttaacttc aacttaaaat 1920
55 tagcatctgg ctaaggcatc attttcacct ccatttcttg gttttgtatt gtttaaaaaa 1980
56 aataacatct ctttcatcta gctccataat tgcaaggga gagattagca tgaaaggtaa 2040
W--> 57 tctgaaacac agtcatgtgt canctgtaga aagggttgatt ctcatgcact ncaaatactt 2100
58 ccaaagagtc atcatggggg atttttcatt cttaggcttt cagtggtttg ttcctggaat 2160
59 tc 2162
61 <210> SEQ ID NO: 2
62 <211> LENGTH: 25
63 <212> TYPE: DNA
64 <213> ORGANISM: Artificial Sequence
66 <220> FEATURE:
67 <223> OTHER INFORMATION: Primer N917F
69 <400> SEQUENCE: 2
70 ccttggttac aatcccagaa actac 25
72 <210> SEQ ID NO: 3
73 <211> LENGTH: 24
74 <212> TYPE: DNA
75 <213> ORGANISM: Artificial Sequence
77 <220> FEATURE:
78 <223> OTHER INFORMATION: Primer N-998R
80 <400> SEQUENCE: 3
81 aggcagctgt ttgtgtaacc taga 24
83 <210> SEQ ID NO: 4
84 <211> LENGTH: 29
85 <212> TYPE: DNA
86 <213> ORGANISM: Artificial Sequence
88 <220> FEATURE:
89 <221> NAME/KEY: misc_binding
90 <223> OTHER INFORMATION: Probe N-945T, labeled 5'-terminal with FAM and 3'-terminal
with TAMRA
92 <400> SEQUENCE: 4
93 ccagactgtt tcttggcact tctgcattg 29
95 <210> SEQ ID NO: 5
96 <211> LENGTH: 24
97 <212> TYPE: DNA
98 <213> ORGANISM: Artificial Sequence
100 <220> FEATURE:
101 <223> OTHER INFORMATION: Primer
103 <400> SEQUENCE: 5
104 ccttcgcaag acccttcctc tata 24
106 <210> SEQ ID NO: 6
107 <211> LENGTH: 23
108 <212> TYPE: DNA
109 <213> ORGANISM: Artificial Sequence
111 <220> FEATURE:

```

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Input Set : A:\61535 Sequence Listing.txt

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112 <223> OTHER INFORMATION: Primer  
114 <400> SEQUENCE: 6  
115 gtagctgtcg gtgtagtcct cgt 23  
117 <210> SEQ ID NO: 7  
118 <211> LENGTH: 20  
119 <212> TYPE: DNA  
120 <213> ORGANISM: Artificial Sequence  
122 <220> FEATURE:  
123 <223> OTHER INFORMATION: Primer  
125 <400> SEQUENCE: 7  
126 ttacggcgag ttctgttagg 20  
128 <210> SEQ ID NO: 8  
129 <211> LENGTH: 20  
130 <212> TYPE: DNA  
131 <213> ORGANISM: Artificial Sequence  
133 <220> FEATURE:  
134 <223> OTHER INFORMATION: Primer  
136 <400> SEQUENCE: 8  
137 catgtgcctg agaaataggc 20  
139 <210> SEQ ID NO: 9  
140 <211> LENGTH: 20  
141 <212> TYPE: DNA  
142 <213> ORGANISM: Artificial Sequence  
144 <220> FEATURE:  
145 <223> OTHER INFORMATION: Primer  
147 <400> SEQUENCE: 9  
148 aaaagagctg tcctgacagc 20  
150 <210> SEQ ID NO: 10  
151 <211> LENGTH: 20  
152 <212> TYPE: DNA  
153 <213> ORGANISM: Artificial Sequence  
155 <220> FEATURE:  
156 <223> OTHER INFORMATION: Primer  
158 <400> SEQUENCE: 10  
159 tcctcctgca tcaattgtgt 20

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/500,050

DATE: 07/06/2004  
TIME: 15:29:42

Input Set : A:\61535 Sequence Listing.txt  
Output Set: N:\CRF4\07062004\J500050.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; N Pos. 2063,2091 ✓

VERIFICATION SUMMARY

DATE: 07/06/2004

PATENT APPLICATION: US/10/500,050

TIME: 15:29:42

Input Set : A:\61535 Sequence Listing.txt

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L:7 M:270 C: Current Application Number differs, Replaced Current Application No

L:7 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:57 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:2040